

VERSION:V1.0			PRODUCT NAME:DV280
NAME	SPECIFICATION	amount	DESIGNATOR
PCB	FOUR LAYER DV280(V1.0) 1mm FR-4 22.1X21.4mm	1	PCB
CAPACITOR	1R0±0.1P 50V NP0 0402	2	C17 C19
CAPACITOR	2R7±0.25P 50V NP0 0402	2	C1 C34
CAPACITOR	5R6±0.25P 50V NP0 0402	2	C27 C28
CAPACITOR	100±5% 50V NP0 0402	2	C12 C13
CAPACITOR	150±5% 50V NP0 0402	2	C26 C29
CAPACITOR	560±5% 50V NP0 0402	1	C16
CAPACITOR	101±5% 50V NP0 0402	2	C5 C6
CAPACITOR	102±10% 50V X7R 0402	5	C7 C8 C9 C10 C11
CAPACITOR	222±10% 50V X7R 0402	1	C33
CAPACITOR	103±10% 50V X7R 0402	2	C24 C25
CAPACITOR	104±20% 16V X7R 0402	2	C14 C15
CAPACITOR	105±80%~-20% 6.3V Y5V 0402	3	C21 C22 C23
CAPACITOR	225±80%~-20% 6.3V Y5V 0402	1	C4
CAPACITOR	225±80%~-20% 6.3V Y5V 0603	2	C2 C3
RESISTOR	1/16W 0±0.5Ω 0402	2	R2 R3
RESISTOR	1/16W 100±5% 0402	1	R8
RESISTOR	1/16W 271±5% 0402	1	R5
RESISTOR	1/16W 301±5% 0402	1	R10
RESISTOR	1/16W 511±5% 0402	1	R11
RESISTOR	1/16W 621±5% 0402	1	R6
RESISTOR	1/16W 751±5% 0402	1	R14
RESISTOR	1/16W 112±5% 0402	1	R13
RESISTOR	1/16W 912±5% 0402	1	R12

RESISTOR	1/16W 433±10% 0402	2	R4 R9
INDUCTOR	1nH±0.1nH 0402	2	L1 L4
INDUCTOR	15nH±5% 0402	1	L3
INDUCTOR	3.3nH±0.3nH 0402	1	L2
TRANSISTOR	BFG425 SOT343R	1	Q2
TRANSISTOR	PMBT3906 NPN SOT-23	2	Q1 Q3
IC	RTC6603 SC-70 richwave	1	U2
IC	A7130 QFN20_4*4 Amiccom	1	U1
IC	AP1110 DFN_8pin RFIC	1	U3
FILTER	BF2012_L2R4NBA ACX	1	F1
CRYSTAL	16.000MHz ±20ppm 18P SMD3.2*2.5 (-40℃~+80℃)	1	Y1
CORNER ROW NEEDIES	Spacing: 2.0mm 10pin	1	Y1
SHIELD	DV280-1	1	
SHIELD COVER	DV280-2	1	